ELSEVIER

Journal of Non-Crystalline Solids 208 (1996) 309–311

JOURNAL OF NON-CRYSTALLINE SOLIDS

Author index

Abidi, N., see El Mkami, H. 208 (1996) 21
Abrosimova, G., see Aronin, A. 208 (1996) 139
Aronin, A., G. Abrosimova, I. Zver'kova, D. Lang and R. Lück, Phase transformations in $Pd_{40}Ni_{40}P_{20}$ alloy at heating 208 (1996) 139
Aures, J., see Hoell, A. 208 (1996) 294

Baram, J., see Erukhimovitch, V. 208 (1996) 288
Barkatt, A., see Sang, J.C. 208 (1996) 170
Becher, P.F., see Sun, E.Y. 208 (1996) 162
Blanks, K.A., The role of the Raman coupling coefficient in an inelastic light scattering process in amorphous solids 208 (1996) 81
Bo, Z., see Dong, D. 208 (1996) 282
Brückner, R., J. Murach and S. Hao, Generation and relaxation of flow birefringence of high-viscous alkali phosphate glass melts 208 (1996) 228
Buckermann, W.A., W. Müller-Warmuth and C. Mundus, Multinuclear MAS-NMR studies of Al_2O_3–B_2O_3–P_2O_5 glasses 208 (1996) 217
Bychkov, E., V. Tsegelnik, Yu. Vlasov, A. Pradel and M. Ribes, Percolation transition in Ag-doped germanium chalcogenide-based glasses: conductivity and silver diffusion results 208 (1996) 1

Cazzanelli, E., G. Mariotto, S. Passerini and W.H. Smyrl, Raman spectroscopic investigations of Li-intercalated V_2O_5 xerogel 208 (1996) 89
Cho, W.Y., see Shin, Y.B. 208 (1996) 29
Chuang, I.-S., see El-Nahhal, I.M. 208 (1996) 105
Culea, E. and I. Milea, Magnetic and optical properties of borate glasses containing uranium ions 208 (1996) 199

Deroide, B., see El Mkami, H. 208 (1996) 21
Dhamelincourt, P., see Gnado, J. 208 (1996) 247
Donatti, D.A. and D.R. Vollet, Effects of HCl on the ultrasound catalyzed TEOS hydrolysis as determined by a calorimetric study 208 (1996) 99
Dong, D., Z. Bo and J. Zhu, Evaluation of the stability of GdF_3-containing fluorozirconate glasses by differential scanning calorimetry 208 (1996) 282
Durand, J.-M., P.E. Lippens, J. Olivier-Fourcade, J.-C. Jumas and M. Womes, Sulfur K-edge XAS study of As_2S_3–Sb_2S_3–Tl_2S glasses 208 (1996) 36

Ebendorff-Heidepriem, H. and D. Ehrt, Spectroscopic properties of Eu^{3+} and Tb^{3+} ions for local structure investigations of fluoride phosphate and phosphate glasses 208 (1996) 205
Ehrt, D., see Ebendorff-Heidepriem, H. 208 (1996) 205
El-Nahhal, I.M., J.J. Yang, I.-S. Chuang and G.E. Maciel, Synthesis and solid-state NMR structural characterization of polysiloxane-immobilized thiol and thiol–amine ligands 208 (1996) 105
El Mkami, H., B. Deroide, J.V. Zanchetta, P. Rumori and N. Abidi, Electron paramagnetic resonance study of Mn^{2+} and Cu^{2+} spin probes in $(Ag_2S)_x(GeS_2)_{1-x}$ glasses 208 (1996) 21
Erukhimovitch, V. and J. Baram, A model for non-isothermal crystallization kinetics 208 (1996) 288

Gnado, J., P. Dhamelincourt, C. Pélégris, M. Traisnel and A. Le Maguer Mayot, Raman spectra of oligomeric species obtained by tetraethoxysilane hydrolysis–polycondensation process 208 (1996) 247
Gonchukova, N.O. and O.V. Tolochko, Quantitative description relaxation of metallic glasses macroscopic properties 208 (1996) 119
Gotoh, A., see Yoda, S. 208 (1996) 191

Habasaki, J., I. Okada and Y. Hiwatari, MD study of the mixed alkali effect in terms of the potential surface in the lithium–potassium metasilicate glass 208 (1996) 181
Hao, S., see Brückner, R. 208 (1996) 228
Hempstead, M., see Ye, C.C. 208 (1996) 56
Heo, J., see Shin, Y.B. 208 (1996) 29
Hessinger, J. and R.O. Pohl, Annealing of amorphous ice films 208 (1996) 151
Hewak, D.W., see Ye, C.C. 208 (1996) 56
Hirao, K., see Kim, H.G. 208 (1996) 303
Hirose, M., see Xu, J. 208 (1996) 277
Hiwatari, Y., see Habasaki, J. 208 (1996) 181

Hng, H.H., Y. Li, S.C. Ng and C.K. Ong, Critical cooling rates for glass formation in Zr–Al–Cu–Ni alloys 208 (1996) 127
Hoell, A., R. Kranold, U. Lembke and J. Aures, Effect of fining with sodium chloride on the phase separation of a soda lime silica glass 208 (1996) 294
Holland, D., see Mekki, A. 208 (1996) 267
Hsu, Y.G. and J.H. Huang, Model reaction of epoxy-containing siloxane 208 (1996) 259
Huang, J.H., see Hsu, Y.G. 208 (1996) 259
Hwang, S.-L., see Sun, E.Y. 208 (1996) 162

Ikazaki, F., see Yoda, S. 208 (1996) 191

Jumas, J.-C., see Durand, J.-M. 208 (1996) 36

Kamiya, K., see Yoda, S. 208 (1996) 191
Kawai, A., see Yoda, S. 208 (1996) 191
Kim, H.G., T. Komatsu, K. Shioya, K. Matusita, K. Tanaka and K. Hirao, Transparent tellurite-based glass-ceramics with second harmonic generation 208 (1996) 303
Komatsu, T., see Kim, H.G. 208 (1996) 303
Kranold, R., see Hoell, A. 208 (1996) 294

Lang, D., see Aronin, A. 208 (1996) 139
Le Maguer Mayot, A., see Gnado, J. 208 (1996) 247
Lembke, U., see Hoell, A. 208 (1996) 294
Li, Y., see Hng, H.H. 208 (1996) 127
Lippens, P.E., see Durand, J.-M. 208 (1996) 36
Loheider, S., see Tverjanovich, A. 208 (1996) 49
Lück, R., see Aronin, A. 208 (1996) 139

Maciel, G.E., see El-Nahhal, I.M. 208 (1996) 105
Mariotto, G., see Cazzanelli, E. 208 (1996) 89
Matusita, K., see Kim, H.G. 208 (1996) 303
McConville, C.F., see Mekki, A. 208 (1996) 267
Mekki, A., D. Holland, C.F. McConville and M. Salim, An XPS study of iron sodium silicate glass surfaces 208 (1996) 267
Milea, I., see Culea, E. 208 (1996) 199
Miyazaki, S., see Xu, J. 208 (1996) 277
Müller-Warmuth, W., see Buckermann, W.A. 208 (1996) 217
Mundus, C., see Buckermann, W.A. 208 (1996) 217
Murach, J., see Brückner, R. 208 (1996) 228

Ng, S.C., see Hng, H.H. 208 (1996) 127
Nikolaev, B. and J. Vollmann, Viscosity of Ag–Sb alloys 208 (1996) 145

Ohshima, S., see Yoda, S. 208 (1996) 191
Okada, I., see Habasaki, J. 208 (1996) 181
O'Keefe, J.A., see Sang, J.C. 208 (1996) 170
Olivier-Fourcade, J., see Durand, J.-M. 208 (1996) 36
Ong, C.K., see Hng, H.H. 208 (1996) 127

Pascova, R. and C. Rüssel, Thermodynamics and diffusion of iron in homogeneous and phase separated sodium borosilicate melts 208 (1996) 237
Passerini, S., see Cazzanelli, E. 208 (1996) 89
Payne, D.N., see Ye, C.C. 208 (1996) 56
Pélégris, C., see Gnado, J. 208 (1996) 247
Pharr, G.M., see Sun, E.Y. 208 (1996) 162
Pohl, R.O., see Hessinger, J. 208 (1996) 151
Pradel, A., see Bychkov, E. 208 (1996) 1

Ribes, M., see Bychkov, E. 208 (1996) 1
Rumori, P., see El Mkami, H. 208 (1996) 21
Rüssel, C., see Pascova, R. 208 (1996) 237

Salim, M., see Mekki, A. 208 (1996) 267
Samson, B.N., see Ye, C.C. 208 (1996) 56
Sang, J.C., A. Barkatt and J.A. O'Keefe, Attenuation of glass dissolution in the presence of natural additives 208 (1996) 170
Shepilov, M.P., A model for calculation of isothermal kinetics of the nucleation-and-growth type phase separation in the course of one-step heat treatment 208 (1996) 64
Shin, Y.B., W.Y. Cho and J. Heo, Multiphonon and cross relaxation phenomena in Ge–As(or Ga)–S glasses doped with Tm^{3+} 208 (1996) 29
Shioya, K., see Kim, H.G. 208 (1996) 303
Smyrl, W.H., see Cazzanelli, E. 208 (1996) 89
Sun, E.Y., P.F. Becher, S.-L. Hwang, S.B. Waters, G.M. Pharr and T.Y. Tsui, Properties of silicon–aluminum–yttrium oxynitride glasses 208 (1996) 162

Tanaka, K., see Kim, H.G. 208 (1996) 303
Tolochko, O.V., see Gonchukova, N.O. 208 (1996) 119
Traisnel, M., see Gnado, J. 208 (1996) 247
Tsegelnik, V., see Bychkov, E. 208 (1996) 1
Tsui, T.Y., see Sun, E.Y. 208 (1996) 162
Tverjanovich, A., Yu.S. Tveryanovich and S. Loheider, Raman spectra of gallium sulfide based glasses 208 (1996) 49
Tveryanovich, Yu.S., see Tverjanovich, A. 208 (1996) 49

Uchida, K., see Yoda, S. 208 (1996) 191

Vlasov, Yu., see Bychkov, E. 208 (1996) 1
Vollet, D.R., see Donatti, D.A. 208 (1996) 99
Vollmann, J., see Nikolaev, B. 208 (1996) 145

Waters, S.B., see Sun, E.Y. 208 (1996) 162
Womes, M., see Durand, J.-M. 208 (1996) 36

Xu, J., S. Miyazaki and M. Hirose, High-quality hydrogenated amorphous silicon–germanium alloys for narrow bandgap thin film solar cells 208 (1996) 277

Yang, J.J., see El-Nahhal, I.M. 208 (1996) 105
Ye, C.C., D.W. Hewak, M. Hempstead, B.N. Samson and D.N. Payne, Spectral properties of Er^{3+}-doped gallium lanthanum sulphide glass 208 (1996) 56
Yoda, S., S. Ohshima, K. Kamiya, A. Kawai, K. Uchida, A. Gotoh and F. Ikazaki, Effects of ethanolamines catalysts on properties and microstructures of silica aerogels 208 (1996) 191
Zanchetta, J.V., see El Mkami, H. 208 (1996) 21
Zhu, J., see Dong, D. 208 (1996) 282
Zver'kova, I., see Aronin, A. 208 (1996) 139

ELSEVIER

Journal of Non-Crystalline Solids 208 (1996) 313–315

JOURNAL OF
NON-CRYSTALLINE SOLIDS

Subject index

Aerogels
Processing Variables 208 (1996) 191

Alkali Borate Glasses
Magnetic Properties, Optical Properties, Oxidation Reduction 208 (1996) 199

Alloys
Crystallization, Nucleation 208 (1996) 288
Differential Scanning Calorimetry, Differential Thermal Analysis, Glass-forming Viscous Liquids, Glasses Containing Transition Metal Ions 208 (1996) 127
Relaxation, Specific Heat, Stress Relaxation 208 (1996) 119

Amorphous Alloys
Crystallization, Glasses Containing Transition Metal Ions 208 (1996) 139

Borates
Nuclear Magnetic Resonance, Phosphates, Structure 208 (1996) 217

Calorimetry
Reactions, Sol–Gel Processes 208 (1996) 99

Chalcogenides
Conductivity, Germanium, Percolation 208 (1996) 1
Electron Spin Resonance, Glasses Containing Transition Metal Ions, Structure 208 (1996) 21
Lasers, Luminescence, Relaxation 208 (1996) 29
X-ray Absorption 208 (1996) 36

Chalcogenide Glasses
Halide Glasses, Raman Spectra, Structure 208 (1996) 49

Conductivity
Chalcogenides, Germanium, Percolation 208 (1996) 1

Corrosion
Surface Reactions 208 (1996) 170

Crystallization
Alloys, Nucleation 208 (1996) 288
Amorphous Alloys, Glasses Containing Transition Metal Ions 208 (1996) 139

Deposition Techniques
Electrical Properties, Semiconductors, Silicon Alloys 208 (1996) 277

Differential Scanning Calorimetry
Alloys, Differential Thermal Analysis, Glass-forming Viscous Liquids, Glasses Containing Transition Metal Ions 208 (1996) 127

Differential Thermal Analysis
Alloys, Differential Scanning Calorimetry, Glass-forming Viscous Liquids, Glasses Containing Transition Metal Ions 208 (1996) 127

Electrical Properties
Deposition Techniques, Semiconductors, Silicon Alloys 208 (1996) 277

Electron Spin Resonance
Chalcogenides, Glasses Containing Transition Metal Ions, Structure 208 (1996) 21

Fluorides
Stability 208 (1996) 282

Germanium
Chalcogenides, Conductivity, Percolation 208 (1996) 1

Glass Ceramics
Non-linear Optics, Oxides 208 (1996) 303

Glass-forming Viscous Liquids
Alloys, Differential Scanning Calorimetry, Differential Thermal Analysis, Glasses Containing Transition Metal Ions 208 (1996) 127

Glass Transition
Mechanical Properties, Oxynitride Glasses, Thermal expansion 208 (1996) 162

Glasses Containing Transition Metal Ions
Alloys, Differential Scanning Calorimetry, Differential Thermal Analysis, Glass-forming Viscous Liquids 208 (1996) 127
Amorphous Alloys, Crystallization 208 (1996) 139
Chalcogenides, Electron Spin Resonance, Structure 208 (1996) 21
Silicates, Surface Analysis, XPS 208 (1996) 267

Halide Glasses
Chalcogenide Glasses, Raman Spectra, Structure 208 (1996) 49

Ice
Internal Friction, Mechanical Properties, Thin Films 208 (1996) 151

Internal Friction
Ice, Mechanical Properties, Thin Films 208 (1996) 151

Lasers
Chalcogenides, Luminescence, Relaxation 208 (1996) 29

Light Scattering
Modelling, Raman Spectra, Tunneling 208 (1996) 81

Liquid Alloys
Structure 208 (1996) 145

Luminescence
Chalcogenides, Lasers, Relaxation 208 (1996) 29
Rare Earth Ions, Time-Resolved Spectroscopy 208 (1996) 56

Magnetic Properties
Alkali Borate Glasses, Optical Properties, Oxidation Reduction 208 (1996) 199

Mechanical Properties
Glass Transition, Oxynitride Glasses, Thermal expansion 208 (1996) 162
Ice, Internal Friction, Thin Films 208 (1996) 151

Mixed-Alkali Effect
Molecular Dynamics 208 (1996) 181

Modelling
Light Scattering, Raman Spectra, Tunneling 208 (1996) 81
Nucleation, Phase Separation 208 (1996) 64

Molecular Dynamics
Mixed-Alkali Effect 208 (1996) 181

Non-linear Optics
Glass Ceramics, Oxides 208 (1996) 303

Nuclear Magnetic Resonance
Borates, Phosphates, Structure 208 (1996) 217
Polymers, Reactions 208 (1996) 105

Nucleation
Alloys, Crystallization 208 (1996) 288
Modelling, Phase Separation 208 (1996) 64

Optical Properties
Alkali Borate Glasses, Magnetic Properties, Oxidation Reduction 208 (1996) 199
Phosphates, Rare Earth Ions, Structure 208 (1996) 205

Oxidation Reduction
Alkali Borate Glasses, Magnetic Properties, Optical Properties 208 (1996) 199
Structure 208 (1996) 237

Oxides
Glass Ceramics, Non-linear Optics 208 (1996) 303
Phase Separation, Small Angle X-ray Scattering 208 (1996) 294

Oxynitride Glasses
Glass Transition, Mechanical Properties, Thermal expansion 208 (1996) 162

Percolation
Chalcogenides, Conductivity, Germanium 208 (1996) 1

Phase Separation
Modelling, Nucleation 208 (1996) 64
Oxides, Small Angle X-ray Scattering 208 (1996) 294

Phosphates
Borates, Nuclear Magnetic Resonance, Structure 208 (1996) 217
Optical Properties, Rare Earth Ions, Structure 208 (1996) 205
Stress Measurement, Stress Relaxation, Structural Relaxation 208 (1996) 228

Polymers
Nuclear Magnetic Resonance, Reactions 208 (1996) 105

Polymer Solutions
Sol–Gel Processes 208 (1996) 259

Processing Variables
Aerogels 208 (1996) 191

Raman Spectra
Chalcogenide Glasses, Halide Glasses, Structure 208 (1996) 49
Light Scattering, Modelling, Tunneling 208 (1996) 81

Sol–Gel Processes, Transition Metals 208 (1996) 89
Sol–Gel Processes 208 (1996) 247

Rare Earth Ions
Luminescence, Time-Resolved Spectroscopy 208 (1996) 56
Optical Properties, Phosphates, Structure 208 (1996) 205

Reactions
Calorimetry, Sol–Gel Processes 208 (1996) 99
Nuclear Magnetic Resonance, Polymers 208 (1996) 105

Relaxation
Alloys, Specific Heat, Stress Relaxation 208 (1996) 119
Chalcogenides, Lasers, Luminescence 208 (1996) 29

Semiconductors
Deposition Techniques, Electrical Properties, Silicon Alloys 208 (1996) 277

Silicates
Glasses Containing Transition Metal Ions, Surface Analysis, XPS 208 (1996) 267

Silicon Alloys
Deposition Techniques, Electrical Properties, Semiconductors 208 (1996) 277

Small Angle X-ray Scattering
Oxides, Phase Separation 208 (1996) 294

Sol–Gel Processes
Calorimetry, Reactions 208 (1996) 99
Polymer Solutions 208 (1996) 259
Raman Spectra, Transition Metals 208 (1996) 89
Raman Spectra 208 (1996) 247

Specific Heat
Alloys, Relaxation, Stress Relaxation 208 (1996) 119

Stability
Fluorides 208 (1996) 282

Stress Measurement
Phosphates, Stress Relaxation, Structural Relaxation 208 (1996) 228

Stress Relaxation
Alloys, Relaxation, Specific Heat 208 (1996) 119
Phosphates, Stress Measurement, Structural Relaxation 208 (1996) 228

Structural Relaxation
Phosphates, Stress Measurement, Stress Relaxation 208 (1996) 228

Structure
Borates, Nuclear Magnetic Resonance, Phosphates 208 (1996) 217
Chalcogenides, Electron Spin Resonance, Glasses Containing Transition Metal Ions 208 (1996) 21
Chalcogenide Glasses, Halide Glasses, Raman Spectra 208 (1996) 49
Liquid Alloys 208 (1996) 145
Optical Properties, Phosphates, Rare Earth Ions 208 (1996) 205
Oxidation Reduction 208 (1996) 237

Surface Analysis
Glasses Containing Transition Metal Ions, Silicates, XPS 208 (1996) 267

Surface Reactions
Corrosion 208 (1996) 170

Thermal expansion
Glass Transition, Mechanical Properties, Oxynitride Glasses 208 (1996) 162

Thin Films
Ice, Internal Friction, Mechanical Properties 208 (1996) 151

Time-Resolved Spectroscopy
Luminescence, Rare Earth Ions 208 (1996) 56

Transition Metals
Raman Spectra, Sol–Gel Processes 208 (1996) 89

Tunneling
Light Scattering, Modelling, Raman Spectra 208 (1996) 81

XPS
Glasses Containing Transition Metal Ions, Silicates, Surface Analysis 208 (1996) 267

X-ray Absorption
Chalcogenides 208 (1996) 36